



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090224-B

Mode: Highway

Status: Submitted

NC-33

From/Cross Street: NC 42 at Scott'S Crossroads

Specific Improvement Type: 1 - Widen Existing Roadway

To: NC 222 at Belvoir Crossroads

Project Category: Regional Impact

Length: 7.55

TIP#: R-3407B

Fully Funded in Draft STIP? No

Cost to NCDOT: \$43,200,000

Description:

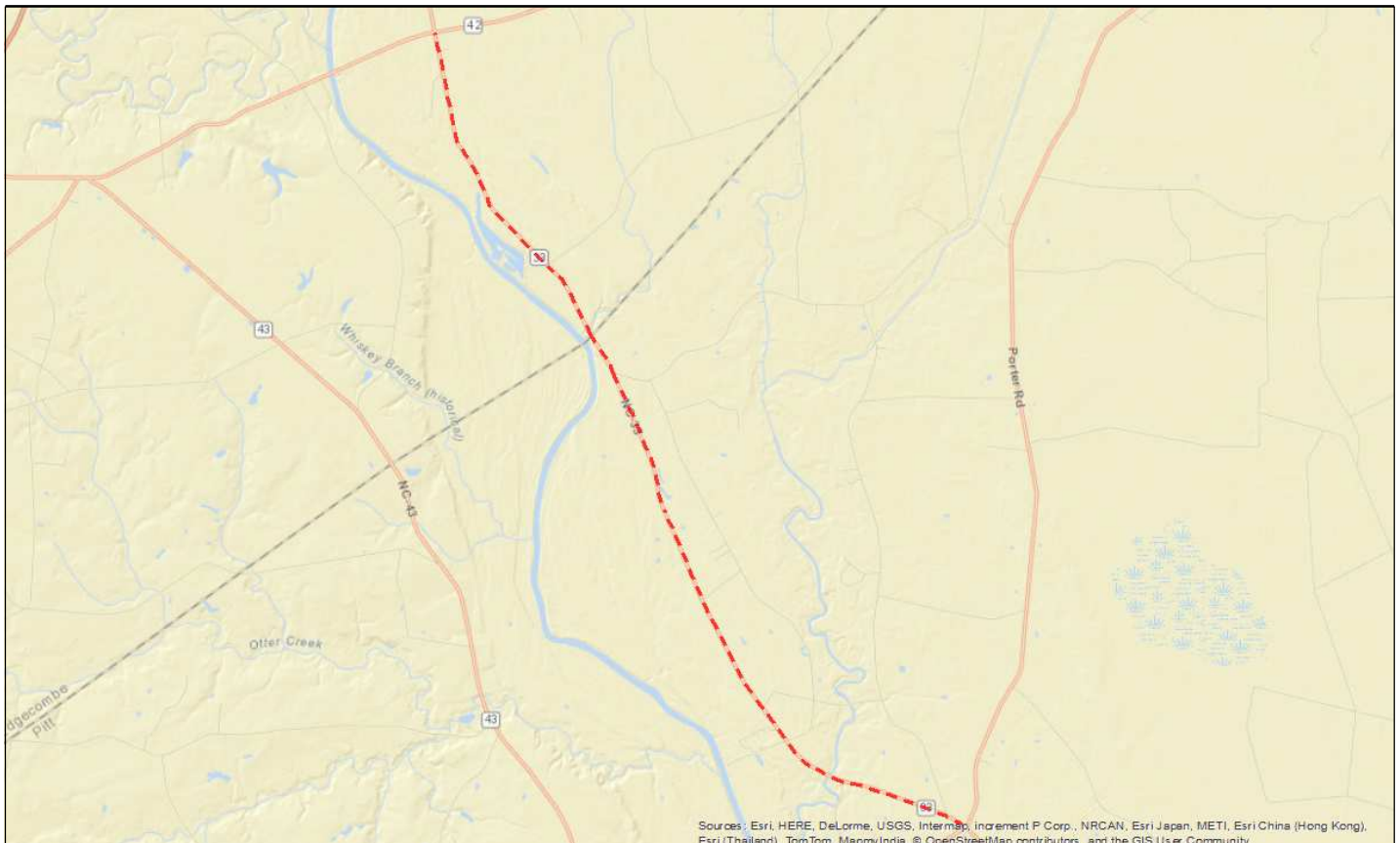
Widen to Multi-Lanes

Division(s): Division 2, Division 4

County(s): PITT, EDGECOMBE

MPOS(s)/RPO(s): Mid-East RPO, Upper Coastal Plain RPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 27.81

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (25%) 49.97	Percent: 15%	Percent: 15%
Multimodal + [Freight & Military] (25%) 1.22	Points: 0	Points: 100
[Travel Time] Benefit/Cost (20%) 0.05		
Totals: Weight: 70% Weighted Score: 12.81		

Division Needs Total Score: 13.55

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (20%) 49.97	Percent: 25%	Percent: 25%
Multimodal + [Freight & Military] (10%) 1.22	Points: 0	Points: 0
Congestion (V/C) (20%) 17.19		
Totals: Weight: 50% Weighted Score: 13.55		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	55
Length (miles):	7.55
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Level
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	4025.37
Capacity:	15500
Volume/Capacity Ratio:	0.26
% Autos:	94%
% Trucks:	6%
Truck Volume:	244.12
Crash Density:	66.77
Crash Severity:	29.79
Critical Crash Rate:	53.36
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	23
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	66
Actual Congested Speed:	0
Travel Time Index:	0

Project Benefits

Project Cross-Section:	4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	55
Length (miles):	7.55
Facility Type:	Multi-Lane Highway
Access Control:	Partial
Functional Classification:	Minor Arterial
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	2
Travel Time Savings for 30 Years (Total):	86248.83
Travel Time Savings for 30 Years (Autos):	81018.34
Travel Time Savings for 30 Years (Trucks):	5230.49
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	Yes
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 2

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!line tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 2	65%	0	0
Division 4	35%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Mid-East RPO	65%	65	0
Upper Coastal Plain RPO	35%	35	0
	0%	0	0
TOTAL MPO/RPO Points		100	0

Project Cost and Source

Construction Cost:	\$32,946,000	TIP Unit
Right-of-Way Cost:	\$9,155,000	Cost Estimation Tool
Utilities Cost:	\$1,099,000	Cost Estimation Tool
Total Project Cost:	\$43,200,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$43,200,000	